



**NATIONAL  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



In Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

**Released weekly April - November**

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31-10

This is the last issue of the 2010 Weekly Crop Weather Report. We thank and are most appreciative of the many farmers, county agricultural agents, county FSA offices, soil conservationists, and others who made this report possible by supplying the basic information each week. Thanks to Tom Priddy and the U.K. Ag Weather Center for supplying the weather data for this report. Also, thanks to the agricultural news media for the professional manner in which they distribute agricultural news across the State. Publication of the 2011 series will begin about the first week of April.

**AGRICULTURAL NEWS:** Finally, some relief! The drop in the humidity levels has made even our above average temperatures much more tolerable. Storms rumbled through the State this past Tuesday providing some much needed rain, but not enough to change sub-soil moisture levels. Across the state, all of the Kentucky reporting stations received rain over the past week, but overall conditions statewide remain dry. Temperatures for the week were above normal for the week even if the average was 3 degrees lower than the previous week. Temperatures for the week averaged 57 degrees. **Topsoil moisture** was rated as 67 percent very short, 21 percent short, and 12 percent adequate. **Subsoil moisture** was rated as 82 percent very short, 13 percent short, and 5 percent adequate. There were 5.4 days out of a possible 7 that were suitable for fieldwork. Farming activity continues to be primarily tobacco stripping, soybean harvesting, and wheat planting. Our livestock operators are beginning to transition to the upcoming changes in the weather.

**ROW CROPS:** Corn harvest is nearly 100 percent complete, well ahead of both the previous year at 72 percent and the five year average of 91 percent. Ninety-six percent of soybean acreage has been harvested, compared to 40 percent for the previous year and 67 percent for the five year average. Our dry weather has accelerated the normal development of both crops and allowed them to be harvested early, but not without yield consequences in some areas.

**TOBACCO:** Housed tobacco conditions were reported as 12 percent very poor, 16 percent poor, 29 percent fair, 35 percent good and 8 percent

excellent. The amount of burley already stripped was 23 percent. This was slightly ahead of last year's 21 percent, and just behind the five year average of 25 percent.

**OTHER CROPS AND PASTURE:** As of Sunday, October 31, winter wheat seeding is 80 percent complete. Wheat seeding is dramatically ahead of both the previous year's 21 percent and the five year average of 65 percent. Producers are more optimistic about a return to our normal weather patterns with recent changes in the weather. Many farmers continue to feed hay to their cattle as pasture conditions remain very dry. Pastures were rated as 66 percent very poor, 23 percent poor, 9 percent fair and 2 percent good.

## CROP PROGRESS for week ending 10/31/10

Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
Percent				
Corn Harvested	100	99	72	91
Soybeans Harvested	96	90	40	67
Winter Wheat Seeded	80	72	21	65
Burley Tobacco Stripped	23	17	21	25

## SOIL MOISTURE for week ending 10/31/10

	Very Short	Short	Adequate	Surplus
Percent				
Topsoil	67	21	12	0
Subsoil	82	13	5	0

## CROP CONDITIONS for week ending 10/31/10

Crop	Very Poor	Poor	Fair	Good	Ex
Percent					
Pasture	66	23	9	2	0
Tobacco Housed	12	16	29	35	8

## **KENTUCKY WEATHER SUMMARY, OCTOBER 25 – 31, 2010:**

### **Above Normal Temperature and Above Normal Rainfall:**

This past week the Commonwealth finally received a widespread rainfall. This was also the first week with above normal rainfall since the second week in September. Some areas in the south central and eastern parts of the state received rainfall on Monday from a pocket of moisture moving up from the south. However; all of the state received rainfall on Tuesday as a strong cold front moved west to east across the state. This line of storms was severe, causing a few tornadoes to spin up and some straight line wind damage. Temperature was also once again above normal, and was the 3rd week in a row for above normal temperature.

Temperatures for the period averaged 57 degrees across the state which was 3 degrees above normal and 3 degrees cooler than the previous week. High temperatures averaged from 69 in the West to 69 in the East. Departure from normal high temperatures ranged from 2 degrees above normal in the West to 6 degrees above normal in the East. Low temperatures averaged from 43 degrees in the West to 45 degrees in the East. Departure from normal low temperature ranged from 1 degree below normal in the West to 5 degrees above normal in the East.

Rainfall for the period totaled 1.08 inches statewide which was 0.42 inches above normal. Rainfall totals by climate division, West 0.74 inches, Central 1.03 inches, Bluegrass 1.20 inches and East 1.35 inches, which was 0.05, 0.37, 0.58 and 0.67 inches respectively above normal. By station, rainfall totals ranged from a low of 0.48 inches at Hardinsburg to a high of 2.19 inches at Somerset.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

**FOR WEEK ENDING SUNDAY, OCTOBER 31, 7:00 P.M.**

Weather Station	Rainfall			Deviation From		Air Temperature				Relative Humidity	
	Last Week	Since April 1	Last Four Wks	Norm Since Apr. 1	Norm Last 4 Wks				Dev. From Norm	Average	
						High	Low	Wkly. Avg.		High	Low
(Inches)			(Degrees Fahrenheit)								
Bardstown	1.21	27.89	1.37	+1.18	-0.95	78	32	57.4	+4	96	54
Berea	1.66	26.65	1.70	-1.58	-0.83	83	27	56.2	+4	96	53
Bowling Green	1.54	33.52	1.85	+5.10	-0.88	82	30	58.7	+5	87	41
Bristol	0.00	15.92	0.29	-8.16	-2.05	78	29	56.8	+5	98	50
Buckhorn Lake	1.33	24.14	1.34	-2.84	-1.21	82	28	57.4	+5	87	41
Cape Girardeau	0.51	22.98	0.51	-3.71	-2.20	75	27	54.6	-1	96	43
Campbellsville	1.14	29.67	1.14	-2.15	-1.71	81	27	55.5	+2	96	53
Covington	1.27	20.41	1.44	-4.79	-1.14	76	30	54.6	+3	87	43
Cumberland Gap	1.48	27.61	1.66	-1.52	-1.32	82	29	58.6	+7	98	50
Dix Dam	1.25	28.89	1.25	+1.13	-1.33	81	33	57.3	+5	83	40
Evansville	0.78	14.62	0.98	-10.63	-1.61	78	29	56.8	+1	78	45
Glasgow	0.69	31.55	1.22	+1.10	-1.50	82	30	57.5	+4	93	42
Grayson	1.17	28.54	1.72	+2.46	-0.98	81	28	55.6	+4	96	53
Hardinsburg	0.48	20.51	0.64	-7.71	-2.11	77	30	56.7	+3	96	53
Henderson	0.88	16.21	0.98	-9.89	-1.53	77	26	55.4	-0	78	45
Huntington	0.00	23.12	0.00	-3.07	-2.67	78	29	56.8	+5	89	43
Jackson	1.48	25.98	1.64	-2.11	-0.99	82	34	59.1	+7	85	44
Lexington	1.00	25.54	1.21	-1.17	-1.11	81	32	56.5	+4	83	40
London	1.86	27.75	1.95	+1.64	-0.54	82	30	58.2	+6	93	44
Louisville	0.60	24.96	0.96	-1.27	-1.49	80	35	59.2	+6	80	38
Mayfield	0.82	20.89	1.09	-8.44	-2.17	78	27	55.8	+0	96	53
Nashville	0.00	38.23	0.05	+11.95	-2.32	78	29	56.8	+3	89	43
Nolin Lake	1.65	26.92	2.23	-3.20	-0.63	77	27	56.1	+3	94	43
Paducah	0.67	20.40	0.77	-7.82	-1.94	78	29	56.8	+1	88	44
Princeton	0.75	25.63	0.97	-2.66	-1.78	78	29	56.8	+1	95	52
Quicksand	1.28	21.69	1.31	-6.40	-1.32	85	28	57.1	+5	96	53
Somerset	2.19	35.81	2.21	+6.07	-0.74	80	28	56.1	+4	96	43
Spindletop	0.95	24.58	1.18	-2.13	-1.14	81	33	56.1	+4	91	49
Williamstown	1.08	22.29	1.14	-4.48	-1.56	78	30	55.6	+4	96	53

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: priddy@uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>